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MATH6064 - Applied Projective Geometry

Applied Projective Geometry

This course provides basic concepts of projective geometry and its applications in computer vision. Topics included in this course are introduction to multiple view geometry, projective geometry and transformations of 2D and 3D, 2D projective transformation, camera models, computation of camera matrix and more single view geometry. This course supports other courses related to computer vision and computational geometry.

COURSE INFORMATION

Learning Outcomes

- **LO1** Explain basics of the projective geometry
- **LO2** Demonstrate the algorithms of projective geometry
- **LO3** Apply projective geometry in computer vision

Assessment Method

Teaching and Learning Strategies

- Individual and Team Assignment
- Lecture
- Project Work
- Simulations with Computer-based

Textbook

YOUR CLASS :

LA05-LEC



NEXT AGENDA



No Class Schedule



Shared Material

Forum

Attendance

People

Head Prefect

Exam



HEAD PREFECT

LIST VIEW

GRID VIEW

EXPORT TO EXCEL

NO	STUDENT ID	NAME	GPS	GPA	ASSIGNMENT	ABSENCE	POST FORUM
1	2001561184	EDWARD KEITARO HERU	0.00	3.91	2/2	0/3	0
2	2001566840	ANDREAS MARTIN	0.00	3.95	2/2	0/3	0
3	2101631090	BENEDICK ASDYO	0.00	3.60	2/2	0/3	0
4	2101632856	HANNI YOLINA	0.00	3.54	1/2	0/3	0
5	2101637005	ABIGAIL VANIA	0.00	3.96	2/2	0/3	0
6	2101641204	REGINA ANASTASIA KUSNADI	0.00	3.31	2/2	0/3	0
7	2101657902	FONGGI YUDI ARYATAMA	0.00	3.21	2/2	0/3	0
8	2101658022	TIO OKTAVIANUS	0.00	2.40	2/2	0/3	0
9	2101662581	WILIAM WINATA	0.00	2.47	2/2	0/3	0
10	2101663092	KELVIN SAMUEL SECIAWANG	0.00	3.28	1/2	3/3	0
11	2101667115	IVANA ANGELIA KHUSUMA	0.00	3.33	2/2	0/3	0

12	2101667405	EVANIA JOYCELIN ANTHONY	0.00	3.69	2/2	0/3	0
13	2101670690	JUSTIN CLIFF MATTHEW	0.00	3.16	1/2	0/3	0
14	2101673042	KEVIN SURYA PRANATA	0.00	3.92	2/2	0/3	1
15	2101675054	SILVIANA RANI HASNA PUTRI	0.00	3.91	2/2	0/3	0
16	2101702976	NANDA PRATAMA	0.00	2.90	1/2	0/3	0
17	2101706772	AFRINA SAFIRA DIANIRANI	0.00	3.41	2/2	0/3	0
18	2101708531	NADIA ITA PURNAMASARI	0.00	3.66	2/2	2/3	0
19	2101708821	ZEFANYA DEBBY CLAUDIA	0.00	3.15	2/2	0/3	0
20	2101713235	SALMA LAILATUL ALIFAH	0.00	3.38	2/2	0/3	0

SOCIAL MEDIA



MARK SUMMARY 2019, Even Semester

Course id : MATH6064 - Applied Projective Geometry
Class : LA05
Lecturer : D3579 - Dr. Ir. Alexander Agung Santoso Gunawan, S.Si., M.T., M.Sc., IPM, CIRR

No	Nim	Name	THEORY: Assignment (25%)	THEORY: Final Exam (40%)	THEORY: Mid Exam (35%)	Final	Grade
1	2001561184	EDWARD KEITARO HERU	100	96	100	99	A
2	2001566840	ANDREAS MARTIN	100	98	100	100	A
3	2101631090	BENEDICK ASDYO	80	75	75	77	B
4	2101632856	HANNI YOLINA	80	75	85	80	B+
5	2101637005	ABIGAIL VANIA	100	96	100	99	A
6	2101641204	REGINA ANASTASIA KUSNADI	85	80	90	85	A-
7	2101657902	FONGGI YUDI ARYATAMA	80	70	80	76	B
8	2101658022	TIO OKTAVIANUS	80	70	85	78	B
9	2101662581	WILIAM WINATA	70	60	50	59	D
10	2101663092	KELVIN SAMUEL SECIAWANG	60	60	80	67	C
11	2101667115	IVANA ANGELIA KHUSUMA	90	85	85	87	A-
12	2101667405	EVANIA JOYCELIN ANTHONY	95	90	95	93	A
13	2101670690	JUSTIN CLIFF MATTHEW	75	75	90	81	B+
14	2101673042	KEVIN SURYA PRANATA	95	90	100	95	A
15	2101675054	SILVIANA RANI HASNA PUTRI	100	98	100	100	A
16	2101702976	NANDA PRATAMA	60	45	40	47	E
17	2101706772	AFRINA SAFIRA DIANIRANI	95	96	95	96	A
18	2101708531	NADIA ITA PURNAMASARI	95	92	90	92	A
19	2101708821	ZEFANYA DEBBY CLAUDIA	95	90	90	92	A
20	2101713235	SALMA LAILATUL ALIFAH	90	85	95	90	A